

ABSTRACT OF THE DISCLOSURE

A passive, stable optical system whose temperature is actively regulated is best suited to prevent color fringes in high-speed recorders for digital color images. Peltier elements (14) are well suited as actuators for active temperature regulation. They allow for temperature stabilization of both rapid heating and cooling of the components and housing (10) of an optical module (1) of a high-speed recorder. The overall design of the module (1) must be adapted for each individual application of the Peltier elements (14).